

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:	
	 TYPE OF SERVICE:		
REPRESENTATIVE:	 SUBMITTED BY:	 DATE:	
ENGINEER:	 APPROVED BY:	 DATE:	
CONTRACTOR:	 ORDER NO.:	 DATE:	

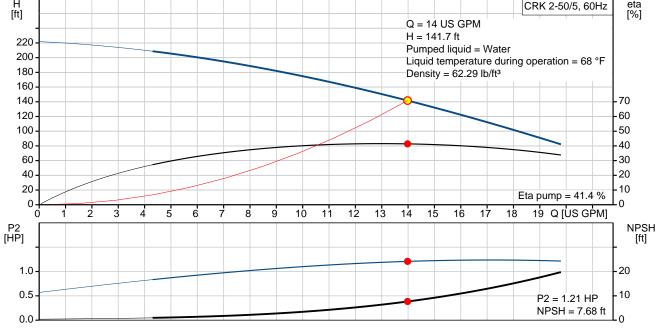


CRK 2-50/5 U-W-A-AUUV

Coolant pumps

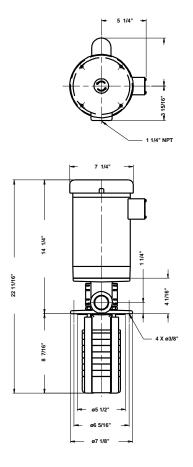
Note! Product picture may differ from actual product

Conditions of Service		Pun	Motor Data		
Flow:	14 US GPM	Liquid temperature range:	32 194 °F	Rated power - P2:	1.5 HP
Head:	141.7 ft	Maximum ambient temperature:	104 °F	Rated voltage:	208-230/460 V
Efficiency:		Approvals motor:	UL Recognized Component, CSA	Mains frequency:	60 Hz
Liquid:	Water	Shaft seal:	AUUV	Insulation class:	В
Temperature:	68 °F	Pipe connection:	1 1/4" NPT	Motor protection:	NONE
NPSH required:	7.68 ft	Product number:	40Z97104	Motor type:	Baldor, TEFC
Viscosity:				Motor_efficiency:	75.5 %
Specific Gravity:	1.000				





Submittal Data



Materials:

Cast iron
EN-JL1030
ASTM A48-30 B
Stainless steel
DIN WNr. 1.4301
AISI 304
А

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Company name: Created by: Phone:

Date:

15/04/2020

Qty. Description

CRK 2-50/5 U-W-A-AUUV 1



Note! Product picture may differ from actual product

Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.

The pump has the following characteristics:

- Installation length according to DIN 5440.
 Impellers, intermediate chambers and spline
- shaft are made of Stainless steel.
 - Mechanical shaft seal according to EN 12756.
 - Power transmission via cast iron

split coupling.

The motor is a 3-phase AC motor. Immersion depth: 8.43 in

Liquid:

Pumped liquid:	Water
Liquid temperature range:	32 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Technical: Actual calculated flow: Resulting head of the pump: Primary shaft seal:	14 US GPM 141.7 ft AUUV

Approvals on motor nameplate: UL Recognized Component, CSA Curve tolerance: ISO 9906:1999 Annex A Materials:

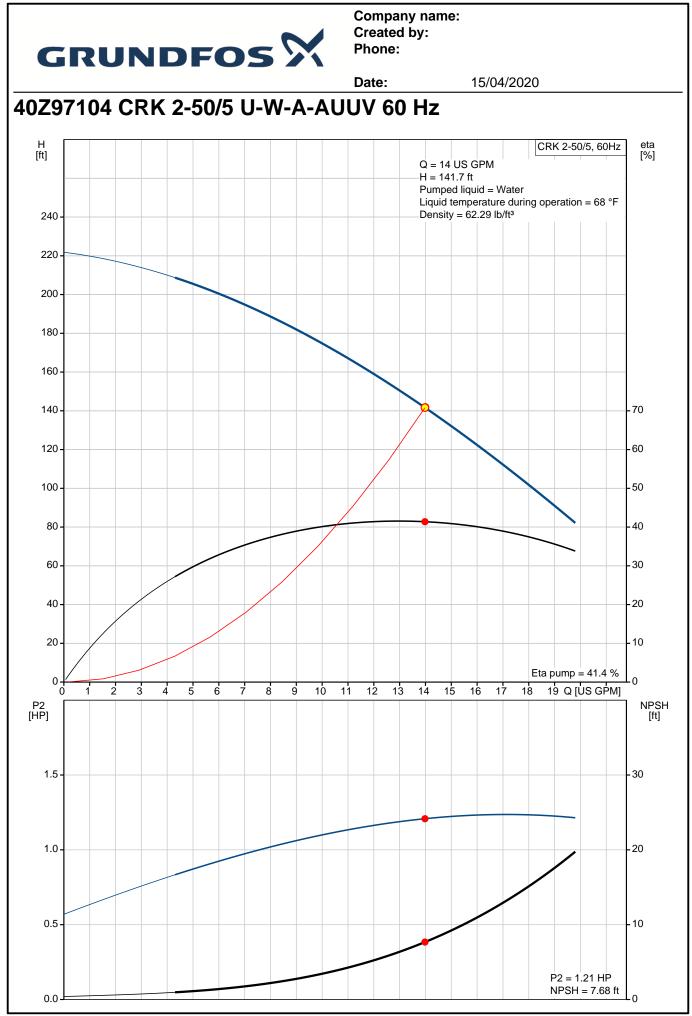
materialo.	
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
	DIN WNr. 1.4301
	AISI 304
Installation:	
Maximum ambient temperature:	104 °F

Maximum ambient temperature: 104 ° Pipe connection: 1 1/4" NPT



Company name: Created by:

	GRUNDF		Date:	15/04/2020	
•	Description				
	Flange size for motor:	56C			
	Electrical data:				
	Motor type:	Baldor, TEFC			
	Rated power - P2:	1.5 HP			
	Mains frequency:	60 Hz			
	Rated voltage:	3 x 208-230/460 V			
	Service factor:	1.15			
	Rated current:	5.0-4.6/2.3 A			
	Starting current:	35.4-32/16 A			
	Cos phi - power factor:	0.76			
	Rated speed: Motor efficiency at full load:	3450 rpm 75.5 %			
	Number of poles:	75.5 % 2			
	Insulation class (IEC 85):	B			
	Motor No:	85600005			
		0000000			
	Others:				
	Country of origin:	US			
	Custom tariff no.:	8413.70.2040			



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Company name: Created by: Phone:

Description	Value	1443			CRK 2-50/5,	60Hz
Description General information:	Value	[ft]	Q = 14 US			
Product name:	CRK 2-50/5 U-W-A-AUUV	240 -	H = 141.7 Pumped lig	ft quid = Water	r	
Product name: Product No:	40Z97104	240 -	Liquid tem	, perature dur	ing operation =	58 °F
EAN number:	5700390833763	220 -	Density = 6	32.29 lb/ft ³		1
EAN Humber.	5700390833763	200 -				
Fechnical:	5700390633763					
Actual calculated flow:	14 US GPM	180 -				
Resulting head of the pump:	141.7 ft	160 -				
Stages:	5					
mpellers:	5	140 -		X		-
Primary shaft seal:	AUUV	120 -				_
-	UL Recognized Component,	100 -				
Approvals on motor nameplate:	CSA					
Curve tolerance:	ISO 9906:1999 Annex A	80 -				
Pump No:	40920065	60 -				`
Pump version:	U					
Materials:		40-				-
Pump head:	Cast iron	20 -				-
	EN-JL1030				Eta pump = 4	.4 %
	ASTM A48-30 B	0 2	4 6 8 1	0 12 14	4 16 Q[US	GPM
mpeller:	Stainless steel	P2 [HP]				
	DIN WNr. 1.4301					
	AISI 304	1.5 -				_
laterial code:	A					
stallation:						-
laximum ambient temperature:	104 °F	1.0 -				/
Pipe connection:	1 1/4" NPT					
lange size for motor:	56C	0.5				
onnect code:	W	0.5				
iquid:		—			P2 = 1.21	
umped liquid:	Water	0.0			NPSH = 7	.68 f
iquid temperature range:	32 194 °F		→ 5 1/4" -			
Selected liquid temperature:	68 °F					
Density:	62.29 lb/ft ³		\square	Ŧ		
Electrical data:						
Notor type:	Baldor, TEFC	— (1				
Rated power - P2:	1.5 HP	- $-$	╶ୣୣୄ୷ୄ୷	1		
(VA code:	G	¥	\checkmark	3 15/1		
Mains frequency:	60 Hz		R	1		
Rated voltage:	3 x 208-230/460 V		1 1/4"	' NPT		
Service factor:	1.15					
Rated current:	5.0-4.6/2.3 A		7 1/4"			
Starting current:	35.4-32/16 A	— † † Ľ				
Load current:	5.8-5.4/2.7 A	— [
Cos phi - power factor:	0.76		I FI			
Rated speed:	3450 rpm					
Motor efficiency at full load:	75.5 %	14 1/4"	1 1/4 "			
Number of poles:	2		1	+		
nsulation class (IEC 85):	B	22 11/16"				
Motor protec:	NONE	N		4 1/1		
Motor No:	85600005		TT THE	4		
Others:		- $ $ $ $ $ $	d Ħ P _`	X ø3/8"		
Sales region:	Namreg	8 7/16"	∦╞╧┫╏║			
-	US					
Country of origin.		I	▖▖▖▖▖▖▖▖▖▖▖			
Country of origin: Custom tariff no.:	8413.70.2040	—				

